

GOLOSOVA, N.A.; LEMENEV, L.M.; LITINSKIY, A.M.; LOKSHINA, R.D.; SEMENOVA,
T.D.; TARASOVA, L.G.; TOL'TSMAN, T.I., dots.; STETSYUK, A.M., red.;
SENCHILO, K.K., tekhn. red.

[Manual on the organization of pharmaceutical service] Uchebnik or-
ganizatsii farmatsevticheskogo dela. Moskva, Gos. izd-vo med. lit-ry
Medgiz, 1961. 419 p. (MIRA 14:8)
(DRUGSTORES)

STETSYUK, A.M.

First two years of the 7-year plan for drugstores in R.S.F.S.R.
Apt. delo 10 no.3:3-7 My-Je '61. (MIRA 14:7)

1. Nachal'nik Glavnogo aptechnogo upravleniya Ministerstva zdravookh-
raneniya RSFSR.

(DRUGSTORES)

STETSYUK, A.M.

Results of the work of the pharmacy network in the R.S.F.S.R.
in 1961. Apt.delo 12 no.3:13-18 My-Je '62. (MIRA 16:1)

1. Glavnoye aptechnoye upravleniye Ministerstva zdravookhraneniya
RSFSR.

(PHARMACY)

KLYUYEV, M.A.; STETSIUK, A.M.

Pharmacy in Norway. Apt.delo 12 no.3:76-80 My-Je '62.
(MIRA 16:1)

(NORWAY---PHARMACY)

STETSYUK, A.M.

Some results of the activity of pharmaceutical institutions
in the R.S.F.S.R. from 1960 to 1962. Apt. delo 12 no.4:18-
24 J1-Ag '63. (MIRA 17:2)

BLAGOVIDOVA, Yu.A., dots., otv. red.; MEL'NICHENKO, A.K., zam.
otv. red.; GAIKHERMAN, A.F., prof., red.; KUTUMOVA, Ye.N.,
red.; SEDOVA, K.D., kand. farm. nauk, red.; SENOV, P.L.,
prof., red.; SIDORKOV, A.M., red.; STETSUK, A.M., red.;
SHILOV, Yu.M., kand. farm. nauk, red.; KHALETSKIY, A.M.,
prof., red.

[Materials of the Second All-Union Conference of Pharma-
cists] Materialy Vtoroi Vsesoiuznoi konferentsii farma-
tsevtov. Moskva, Medgiz, 1961. 394 p. (MIRA 17:7)

1. Vsesoyuznaya konferentsiya farmatsevtov, 2d, Leningrad, 1959.
2. Kafedra tekhnologii lekarstv I Moskovskogo meditsinskogo in-
stituta im. I.M.Sechenova (for Blagovidova). 3. Direktor
Tsentral'nogo aptechnogo nauchno-issledovatel'skogo insti-
tuta (for Kutumova). 4. Zaveduyushchiy kafedroy farmatsevti-
cheskoy khimii I Moskovskogo meditsinskogo instituta imeni
I.M.Sechenova (for Senov). 5. Zamestitel' direktora po na-
uchnoy chasti Tsentral'nogo aptechnogo nauchno-issledovatel'-
skogo instituta (for Shilov).

ACCESSION NR: AP4030379

s/0115/64/000/002/0090/0097

AUTHOR: Stetsyuk, D. V. (Engineer)

TITLE: Flow velocity field studies in fluids by the ultramicroscopic method

SOURCE: IVUZ. Mashinostroyeniye, no. 2, 1964, 90-97

TOPIC TAGS: velocity field, hydrodynamic microscope, objective lens, ultramicroscope, optical anemometer, rotating mirror, centrifugal pump, pitot pressure

ABSTRACT: The operation principles of a hydrodynamic microscope the objective lens of which rotates in the flow direction, keeping the moving particle (the flow) in its field of observation, is described, and its inherent shortcomings are presented. In particular, the microscope has a limitation in the low velocity range fixed by the minimum rotation rate of the disk with a single objective. A new ultramicroscope, or an optical anemometer, is described which overcomes all the shortcomings of the above hydrodynamic microscope. The difference lies in the fact that instead of letting the objective rotate to stop the image of the flowing fluid, the reflection is captured from a rotating mirror placed between the objective and the flow field (see Fig. 1 on the Enclosure). The flow field particle velocity observed in the plane of the objective can be related to the magnification V_{ob} , ω and r

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(see Fig. 1) by

$$v = \frac{2\pi r}{V_{\alpha}} = \frac{2.2 \pi r}{60 V_{\alpha}} n = K n$$

The instrument is calibrated on the mirror rotation angle such that the scaling factor K can be given by

$$K = \frac{360}{60 \cdot 1000} \frac{1}{\phi} = 0,006 \frac{1}{\phi}$$

The instrument can measure velocities in the range 1-100 m/sec. As an example, the flow field in the impeller of a centrifugal pump was measured and the results compared to pitot pressure measurements. Both results showed a very good overlap, thus making the optical anemometer a useful tool for flow measurements without disturbing the flow field itself. Orig. art. has: 17 formulas and 4 figures.

ASSOCIATION: Moskovskiy aviatsionnyy institut (Moscow Aviation Institute)

SUBMITTED: 06Aug62

ENCL: 01

SUB CODE: ME

NO REF SOV: 008

OTHER: 002

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ACCESSION NR: APL030379

ENCLOSURE: 01

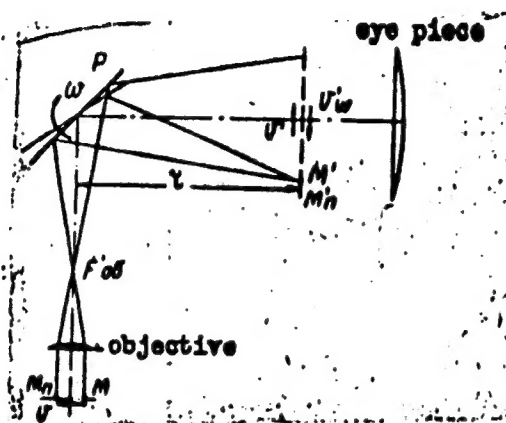


Fig. 1. Schematic of optical anemometer operation.

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STETSYUK, G. A., DUB, Ye.M., KARAKIS, L. V. and SOBOLEV, A. A.

"The Experience With Aviation Spraying For the Purpose of Extermination of Insects in Forests", Military-Medical Journal No. 8, p 65, 1955.

STETSYUK, G.I., inzhener; UL'YANOVA, A.D.

[Rapid metal cutting with V.A.Kolesov large feed method; a bibliography] Skorostnoe rezanie metallov s bol'shimi podachami po metodu V.A.Kolesova; bibliograficheskii ukazatel'. Kiev, 1954. 40 p. (MLRA 9:2)

1. Akademiya nauk URSR, Kiev. Biblioteka.
(Bibliography--Metal cutting)

STATSYUK, G.I. [Stetsiuk, H.I.]; UL'YANOVA, A.D.; DANILEVSKIY, V.V.,
akademik, red.; LIMMER, R.B., bibliogr.red.; ZIL'BAN, M.S.,
red.izd-va; RAKHLINA, N.P., tekhn.red.

[History of technology; a bibliography of literature published in
the Ukraine from 1946 to 1955] Istorija tekhniki; bibliografichnyi
pokazhchyk literatury, shcho vyishla na Ukraini v 1946-1955 rr.
Pid red. V.V.Danyilevs'koho. Kyiv, Vyd-vo Akad.nauk URSR, 1959.
96 p. (MIRA 12:10)

1. Akademiya nauk USSR. Kiyev. Biblioteka. 2. AN USSR (for Danilevskiy).
(Bibliography--Ukraine--Technology)
(Ukraine--Bibliography--Technology)

STETSYUK, I.V.

Protective bushing of the shaft neck of beet washers. Sakh. prom.
31 no.2:47 F '57. (MLRA 10:4)

1. Sakharnyy zavod "Kreshchatik"
(Sugar industry--Equipment and supplies)

STETSYUK, L.; PARSHIN, M.; YEPIFANTSEV, A.

Traffic organization and safety. Avt.transp. 42 no.1:44-45 Ja
'64. (MIRA 17:2)

1. Nauchno-issledovatel'skiy institut avtomobil'nogo transporta.

24 (3)

SOV/112-59-1-149

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 1, p 16 (USSR)

AUTHOR: Karmen, K. N., and Stetsyuk, L. F.

TITLE: Dispersion of the Permittivity of Barium Titanate in the Audio-Frequency Range

PERIODICAL: Uch. zap. Shakhtinsk. gos. ped. in-t, 1957, Vol 2, Nr 3, pp 42-48

ABSTRACT: For considerable-loss conditions in a scheme used for dielectric-hysteresis curve plotting, the value of the resistor connected in parallel with the reference capacitor was selected on the basis of similarity between the hysteresis curves obtained by ballistic and oscillographic methods. For a field intensity within 2,000-500 v/cm and the sample thickness of a few tenths of mm, the $\Delta\epsilon/\epsilon$ value is about 20% within the frequency range 20 - 2×10^4 cps. If graphite electrodes are laid upon a ground-surface sample, the value of ϵ increases in a few minutes; however, with higher frequencies this value quickly falls off and can amount to 60% at 5 kv/cm. For a few days, ϵ would gradually

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Dispersion of the Permittivity of Barium Titanate in the Audio-Frequency Range

decrease approaching its initial value. A more rapid fall-off of ϵ with rising frequency also occurs with higher field intensities (up to 12 kv/cm). The value is associated with both domain structure and next-to-electrode layer conditions; it also depends on the preceding state of the ferroelectric.

Bibliography: 8 items.

D. M. K.

Card 2/2

STETSYUK, L.S.; PARSHIN, M.A.; KARPINSKAYA, I.M.; YEPIFANTSEV, A.T.;
DEBERDEYEV, B.S., red.; BODANOVA, A.P., tekhn. red.

[Road adhesion of wheels and traffic safety] Stseplenie ko-
lesa s dorogoi i bezopasnost' dvizhenia. Moskva, Avto-
transizdat, 1963. 66 p. (MIRA 17:3)

STETSYUK, L.S.; PARSHIN, M.A.

Organize regular inspection of roughness in surfacing. Avt.
dor. 27 no. 3:4-5 Mr '64. (MIRA 17:5)

KLINKOVSHTEYN, G.I., kand. tekhn. nauk.; AKSENOV, V.A., inzh.;
SARKIS'YANTS, E.G., inzh.; SHUMOV, A.V., inzh.;
MANUSADZHYANTS, Zh.G., inzh.; TROSHINA, M.Ya., inzh.;
STETSYUK, L.S., inzh.; PARSHIN, M.A., inzh.; KARPINSKAYA,
I.M., inzh.; FAL'KEVICH, B.S., doktor tekhn. nauk;
ILARIONOV, V.A., kand. tekhn. nauk; POLTEV, M.K., inzh.;
KOGAN, E.I., inzh.; CHIGARKO, G.T., inzh.; KONONOVA, V.S.,
red.

[Traffic safety and safety measures in automotive transportation] Bezopasnost' dvizheniya i tekhnika bezopasnosti na avtomobil'nom transporte. Moskva, Transport, 1964. 74 p.
(MIRA 18:1)

1. Moscow. Gosudarstvennyy nauchno-issledovatel'skiy institut avtomobil'nogo transporta. 2. Moskovskiy avtomekhanicheskiy institut (for Fal'kevich). 3. Moskovskiy avtomobil'no-dorozhnyy institut imeni Molotova (for Ilarionov). 4. Vsesoyuznyy zaochnyy politekhnicheskiy institut (for Poltev).

KRINOSHEYEV, S.V.; ZISMAN, I.F.; STETSYUK, V.A.

Lymphosarcoma of the stomach (3 observations). Vop.onk. 6 no.2:
90-93 F '60. (MIRA 14:2)

(STOMACH—CANCER)

KHMEI'NITSKIY, L.Ye.; STETSYUK, V.A., inzh.

Use of hollow blocks in deep-sea mooring installation. Transp.
stroil. 15 no.9:20-22 3 '65. (MIRA 18:11)

1. Chernomorniprojekt (for Stetsyuk).

PASS, A.Ye., inzh.; STETSYUK, V.Ye., assistant

Laboratory for the study of microclimate in ship spaces. Biul.
tekhn.-ekon. inform. Tekhn.upr.Min.mor.flota 7 no.10:83-85 '62.
(MIRA 16:9)

1. Odesskoye vyssheye inzhenernoye morskoye uchilishche.
(Ships--Heating and ventilation)
(Research, Industrial--Laboratories)

STETSYUK, V.Ye.

Physicomechanical properties of raw sugar. Sakh.prom. 36
no.5:23-27 My '62. (MIRA 15:5)

1. Odesskoye vyssheye inzhenernoye morskoye uchilishche.
(Sugar) (Materials handling)

STETSYUK, V.Ye.

Heat transfer coefficients for unrefined cane sugar. Inzh.-fiz.
zhur. 6 no.4:86-87 Ap '63. (MIRA 16:5)

1. Vyssheye inzhenernoye morskoye uchilishche, Odessa.
(Sugar--Thermodynamic properties)

STETSYUK, V.Ye.

Hygroscopic properties of unrefined cane sugar and ~~conditions~~ conditions for their storage. Sakh.prom. 38 no.1:27-29 Ja '64. (MIRA 17:2)

1. Odesskoye vyssheye inzhenernoye morskoye uchilishche.

STETSYUK, Ye.N.

Manufacture of parquet floor boards by the Kostopol Housing
Construction Combine. Der.prom. 10 no.11:20-22 N '61.
(MIRA 14:10)

1. Kostopol'skiy domostroitel'nyy kombinat.
(Kostopol--Parquet floors)

PETROV, Georgiy L'vovich; BUROV, Nikolay Grigor'yevich; STETSYURA, A.I...
inzh., retsenzent; GREBN'EV, R.L., inzh., retsenzent; BILIBIN,
P.P., inzh., retsenzent; BONDIN, I.N., inzh., red.; DUDUSOVA,
G.A., red.izd-va; SHCHETININA, L.V., tekhn.red.

[Equipment and techniques of gas welding and cutting] Oboznamenie i tekhnologiya gazovoi svarki i rezki. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 263 p.
(Gas welding and cutting) (MIRA 12:8)

TSUKERMAN, A.M.; STETSYURA, G.G.

Concerning the automation of the conversion of the names of organic compounds to a standard form, and the conversion of structural formulas to systematic names. Soob. LEM AN SSSR no.1:241-248 '60. (MIRA 15:2)

(Chemistry, Organic)
(Information theory)

81398

S/020/60/132/06/18/068
B014/B007

16.6800

AUTHOR: Stetsyura, G. G.

TITLE: A New Construction Principle for Memory Devices

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol. 132, No. 6,
pp. 1291 - 1294

TEXT: In the present paper a construction principle for parallel-action memory devices is suggested, which permits a quick finding of information. On the basis of set-theoretical considerations the operations for the search for information, and then the memory devices, by which these operations are realized, are discussed. The function of the recording medium is described on this occasion, and the tasks to be performed by the "transfluxor" are dealt with. The two principal cases in searching for information are studied. In the case of the first, only one, and in the second, several informations are obtained at the same time. For the purpose of illustrating the possibilities offered by the memory system suggested, the solution of the problems in the search for informations containing numerical parameters within a preset range is discussed.

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Card 2/2

STATSYURA, I. A.

USSR/Engineering - Gas Cutting

Feb 52

"Cutting Metals with Coke-Oven Gas," I.A. Stetsyura,
Engr, Dnepropetrovsk Welding Tech School

"Avtogen Delo" No 2, pp 23, 24

Discusses possibility of substituting coke-oven gas
for acetylene, decreasing costs of gas cutting oper-
ation by 20-25%. Describes procedure for purifica-
tion of coke-oven gas by cooling or by passing
through special purifying installation.

212T21

STATSYURA, Vasiliy Kuz'mich [Stetsiura, V.K.]; HAK, D.V. [Hak, D.V.],
dokt.sant, kand.ekon.nauk, glavnyy red.

[Ukrainian economic councils in the struggle for carrying
out the seven-year plan] Radnarhospy Ukrainy v borot'bi za
vykonannia semyrichky. Kyiv, 1959. 46 p. (Tovarystvo dlia
poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR.
Ser.1, no.35) (MIRA 13:1)
(Ukraine--Economic policy)

KLIMICH, Igor' Vladimirovich; LUTCHIKIN, Valentin Grigorievich;
STETSURIKO, Pavel Ivanovich; KALLAN, I.A., eds.,
otv. red.; NAZARENKO, L.M., red.; NESELENO, A.S.,
red.

[Textbook on mathematics for students enrolling in
technical schools] Posobie po matematike dlia postu-
piishchikh v tekhnicheskuyu. Khar'kov, Izdatel'stvo Khar'kov-
skogo gos. univ. 1964. 184 p. (Rus. 1964)

1. Khar'kovskiy stroitel'nyy tekhnikum (for Kallan).

STETTNER, Zbigniew

Effect of bean diet on acid-base equilibrium in the blood in humans.
Pat. polska 7 no.3:219-229 July-Sept 56.

1. Z III Kliniki Chorob Wewnętrznych A.M. we Wrocławiu, Kierownik:
prof. dr. E. Szczeklik, Adres: Wrocław, III Klinika Chor. Wewn.,
Pasteura 4.

(BEANS,

eff. of bean diet on blood acid-base equilibrium (Pol)).
(ACID-BASE EQUILIBRIUM,
same)

AFANASYUK, I.N.; BOBYAROV, G.I.; IBTYAKOV, H.G.; KOLLEA, S.V.;
STETUYKEVICH, I.P.; KHODIN, A.I.

Automatic proportioning and simultaneous application in layers
of the facing and backing sand on the pattern. Lit. proizv. no.6:
6-8 Je '64. (MIRA 18:5)

STETYUKHA, L.S.

[Design of women's light garments and underwear] Konstruirovani
zhenskogo legkogo plat'ia i bel'ia. Izd. 3., popor. i dop. Moskva,
Goslegpishcheprom, 1953. 362 p. (MLRA 8:8)
(Clothing industry)

STETSON, L. T.

Technology

Konstruirovaniye zhenskogo legkogo plat'ia i bel'ia (Manufacture of light-weight clothing and lingerie for women). 2-oe Izd. Moskva, Gizlegprom, 1951. 247 p.

Monthly List of Russian Accessions, Library of Congress, November 1952. Unclassified.

STETYUKHA, L.T.

[Designing women's light dresses and underwear] Konstruirovani
zhenskogo legkogo plat'ia i bel'ia. Izd. 3-e, ispr. i dop. Moskva,
Gislegprom, 1954. 363 p. (MLRA 7:11D)

STETYUKHA, P.N., kranovshchik

Make better use of portal electric cranes. Rech.transp. 17
no.9:54 S '58. (MIRA 11:11)

1. TSimlyanskiy port.
(Cranes, derricks, etc.)

STETYUKHA, V.I.; PIVOVAROV, V.T.

Basic characteristics of the changes in the physical properties
of rocks of argillaceous facies in northeastern Ciscaucasia as
related to the depth of occurrence. Azerb. neft. khoz. 41 no.12:
8-10 D '62. . (MIRA 16:7)

(Caucasus, Northern—Clay)

STETYUKHA, YE. I.

"Establishing the Most Important Factors Influencing the Mechanical Speed of Drilling Wells More Than 3,000 Meters Deep." Cand Tech Sci, Moscow Order of Labor Red Banner Petroleum Institute Academician I. M. Gubkin, Moscow, 1955. (KL, No 7, Feb 55)

SO: Sum. No. 631, 26 Aug 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (14)

STETYUKHA, Ye.I.

Change of some drilling characteristics in relation to depth.
Azerb.neft.khoz. 35 no.3:18-20 Mr '56. (MLRA 9:10)

(Oil well drilling)

14151

SOV/92-58-9-27/36

AUTHOR: Stetsyukha, Y.E.I., Candidate of Technical Sciences

TITLE: Simplification of Oil Well Construction (Uproshcheniye konstruktsii skvazhin)

PERIODICAL: Neftyanik, 1958, Nr 9, pp 27-28 (USSR)

ABSTRACT: The author states that for a considerable time drillers were of the opinion that the small size of drilling tools lowers indices characterizing the drilling operations. While drillers were right from the technical point of view, they were wrong if one analyzes operational indices not only from the technical, but also from the economic standpoint. The use of small size bits, drills and pipes makes it possible to simplify oil well construction, to reduce the required quantity of such material as metal, cement, chemical reagents, etc. Figures of Table 1 characterize results of rotary and turbine drilling, carried out under difficult geological conditions in the Kapabulak region at Groznyy, and confirm that much better operational indices are obtained at

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Simplification of Oil Well (Cont.)

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certain oil well intervals where small size drilling tools are used. Moreover, the use of small size tools cuts the time of such auxiliary operations as chemical treatment of the drilling mud, the increasing of its gravity, etc. Table 2 clearly indicates that the simplification of the oil well construction increases the mechanical and commercial drilling speed and reduces the cost of the footage drilled. It is clear therefore that technical and economic indices of drilling operations can be improved by simplifying oil well construction. There are 2 tables.

ASSOCIATION: Groznenskiy nefityanoy institut (The Groznyy Petroleum Institute)

Card 2/2

STETUYUKHA, Ye.I.

Principal factors determining the drilling rate in extra-deep well
sinking. Izv.vys.ucheb.zav.; neft' i gaz 1 no.9:47-51 ' 58.
(MIRA 11:12)

1. Groznenskiy neftyanoy institut.
(Oil well drilling)

SUKHRAREV, G.M.; STETYUKHA, Ye.I.

Fortieth anniversary of the Groznyy Petroleum Institute.
Izv. vys. ucheb. zav.; neft' i gaz 3 no.5:3-9 '60. (MIRA 15:6)
(Groznyy--Petroleum research)

STETYUKHA, Ye.

"Calculations of oil production methods and techniques" by K.G.
Orkin, P.K.Kuchinskii. Reviewed by E.Stetiukha. Neft.khoz.
38 no.8:71-72 Ag '60. (MIRA 13:8)
(Oil fields--Production methods)
(Orkin, K.G.)
(Kuchinskii, P.K.)

STETYUKHA, Ye.I.; PIVOVAROV, V.T.; LYSHKO, N.A.

Relationship between the density, specific weight, and porosity
of rocks. Izv. vys. ucheb. zav.; neft' i gaz 4 no.11:23-27 '61.
(MIRA 17:2)

1. Groznenskiy neftyanoy institut.

S/152/61/000/004/001/009
B126/B219

AUTHOR: Stetyukha, Ye. I.

TITLE: XI. Summarizing scientific and technical conference of the
Groznskiy neftyanoy institut (Grozny Petroleum Institute)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Neft' i gaz, no. 4,
1961, 38 and 46

TEXT: This conference began on January 30, 1961; the opening speech was held by Professor G. M. Sukharev; altogether, 83 reports were heard. At the plenary session, Docent Ye. P. Kireyev reported on the subject "Declaration of the conference of the representatives of the communist and workers' parties as a campaign of the worldwide communist movement"; Docent B. A. Sinyukayev spoke on the subject "The present positivism as an enemy of science", and Docent L. M. Umanskiy on "Economy and technical progress in the petroleum industry". The sessions were then held according to the various sections. 17 reports were presented to the geological section, pointing out the great achievements in the study of the geological evolution in various regions, e.g. the mesocainozoic in

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XI. Summarizing scientific...

Stavropol'ye, Checheno-Ingushetiya and Dagestan, the classification according to geothermal indications in a part of the Kubano-Chernomorskaya oblast' with possible oil and gas reserves, etc. The reports of the mineral oil section mainly dealt with production; those of the Docents M. M. Nikanorov, L. M. Umanskiy, V. G. Belikov, of senior instructor A. K. Kozodoy, and of the assistants S. A. Postash and M. M. Aleksandrov concerning the sinking of deep wells met with special interest. Professor G. B. Pykhachev, senior instructor P. M. Shul'ga, and Docent V. T. Mironenko devoted their reports to important questions in underground hydraulics. Senior instructor N. V. Zubkov submitted his designs for a pumping station for deep wells. The paper of Docent A. I. Guzhov on the joint haulage of mineral oil and gas as well as the report of Docent A. N. Parfenov concerning a new apparatus for the automatic measurement of water-drive in oil awakened great interest. Improvements in turbine boring were suggested by Docent L. Ye. Simonyants, the assistants G. P. Derebizov, O. L. Ledyashev and Engineer B.Z. Voltlokhin (NPU "Starogrozneft"). Docent A. M. Bagayev reported on the magnetic control method in mechanical engineering. The section of petroleum processing was engaged with reporting on laboratory work concerning poly-

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XI. Summarizing scientific...

isobutylene and with the work of Docent A. K. Seleznev and the chief engineer of a mineral oil plant, S. I. Stepuro, on low-viscosity mineral oils. Docent A. P. Grishin reported on the thermodynamic calculation of the activity of hydrocarbon solutions on the basis of supersonic data. The section found the work of the kafedra NZA (Department NZA) (headed by Docent A. A. Kuznetsov and Docent T. S. Minasyan), to improve the petroleum processing plants, of very actual interest. Automatic instruments for the quality control of petroleum products, constructed by the Department of Heat Engineering and Hydraulics under supervision of Docent Z. S. Geller, were recommended for use. The design section was concerned with reports on the irregular settling of loess soil under buildings, calculation of reinforced concrete coatings, etc. 10 reports were submitted by students, amongst others B. S. Gamov, V. D. Sharovarin, A. M. Burov. In addition to the program, Professor Ye. G. Semenido reported on the properties of poly-isobutylene in thickened mineral oils. The concluding plenary session was held on February 4, 1961; on this occasion, assistant M. S. Loginova spoke on the "Marxist-Leninist formation of cadres as the most important means of communist education at the present stage". The delegates made resolutions for the improvement of

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XI. Summarizing scientific...

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co-operation between science and practice and for the better specialization of future conference work. The petroleum experts of Krasnodarneft', Stavropol'neft', Dagneft', Severnaya Osetiya, Checheno-Ingushetiya and other rayons took an active part in the conference.

Card 4/4

STETYUKHA, Ye.I.; KOMLEV, A.F.

Regularities in the changes of physical properties of arenaceous-carbonate rocks of the Azov-Kuban Lowland. Izv. vys. ucheb. zav.;
neft' i gaz 4 no.2:37-42 '61. (MIRA 15:5)

1. Groznenskiy neftyancy institut.
(Azov-Kuban Lowland--Boring)

STETYUKHA, Ye.I.

Upper Cretaceous sediments. Izv. vys. ucheb. zav.; neft' i gaz 4
no.6:50 '61. (MIRA 15:1)

(Caucasus, Northern--Petroleum geology)
(Caucasus, Northern--Gas, Natural--Geology)

STETYUKHA, Ye.I., dotsent

Groznyy Petroleum Institute. Neftianik 6 no.4:21-22 Ap '61.
(MIRA 14:8)

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STETYUKHA, Ye.I.

Groznyy oil field workers improve equipment. Neftianik 6
no.11:24 N '61. (MIRA 14:12)

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Groznyenskogo nauchno-issledovatel'skogo neftyanogo instituta.
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STETYUKHA, Ye.I.

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rocks. Neft. khoz. 39 no.3:31-35 Mr '61. (MIRA 16:7)

(Rocks—Analysis) (Boring)

REGULATIONS IN THE CHANGE OF THE PHYSICAL PROPERTIES OF

rocks in the central and eastern regions of the Russian
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1. Gromnenskiy naftyanoy institut.

STETYUKHA, Yevgeniy Ivanovich; YUNGANS, S.M., ved. red.;
STAROSTINA, L.D., tekhn. red.

[Equations covering the correlations between the physical
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Uravneniia korreliatsionnykh svyazei mezhdu fizicheskimi
svoistvami gornyykh porod i glubinoi ikh zaleganiia. Mo-
skva, Izd-vo "Nedra," 1964. 133 p. (MIRA 17:3)

L 14473-65 ENT(1) AFTTC GW
ACCESSION NR: AP4042486

S/0152/64/000/006/0096/0103

AUTHOR: Sy*chev, N. M.; Stetyukha, Ye. I. B

TITLE: Experience in drilling a borehole 5500 m deep

SOURCE: IVUZ. Neft' i gaz, no. 6, 1964, 96-103

TOPIC TAGS: borehole drilling, deep drilling¹², oil prospecting

ABSTRACT: The "Grozneft'erazvedka" trust completed the drilling of the Galyugayevskaya No. 1 borehole in 1963, reaching a USSR record depth of 5500 m. The drilling of this borehole was undertaken for the purpose of investigating the geological section and detecting oil and gas in the Upper and Lower Cretaceous sediments in the region of the Terek River valley. The techniques employed in drilling the borehole during its three stages (at depths of 2590, 4059, and 5500 m) are described in detail. Electrometric operations showed that the temperature at a depth of 5450 m was 182C. In the 5020—5500-m interval, the angle of the curvature of the borehole increased continuously from 4.0 to 19.0 degrees, while the azimuth remained almost unchanged at 65—47 degrees. The experience gained in the process

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L 14473-65
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of drilling this borehole will be used later in drilling the Galyuga-
yevskaya No. 2 borehole to a depth of 6000 m. Orig. art. has: 4 tables.

ASSOCIATION: Groznenskiy neftyanoy institut (Grozny*y Petroleum In-
stitute)

SUBMITTED: 01Apr64

ENCL: 00

SUB CODE: ES

NO REF SOV: 000

OTHER: 000

Card 2/2

GONTRE, Iancu; SUTESCU, P.; MIHAILA, I.; STEUKERMANN, J.

Effect of carbonated water containing salt on the functional reactions of the body during work in high temperature. Probl. ter., Bucur. 2:133-153 1955.

1. Facultatea de igiena si Institut de igiena, Bucuresti.

(HEAT, effects

on funct. reactions of body during work or exercise,
eff. of carbonated water containing salt)

(SODIUM CHLORIDE, eff.

on funct. reactions of body during work in high
temperature, with carbonated water)

(WATER

carbonated water containing salt, eff. on funct.
reactions of body during work in high temperature)

(DEHYDRATION

prev. with carbonated water containing salt, in
workers in high temperature)

Special Agent, Bureau, in Building 2, West-Central Post Office, . . .
() Vol. 10, No. 10, dated 1977, at 30,
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1. History of the American Academy (HAA), 19, Vol. 1, No. 1, 1975, 1976.

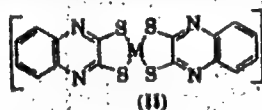
✓ Polarographic and amperometric studies of quinoxaline-2,3-dithiol and its chelate compounds with transition metals. A catalytic effect of nickel chelate. [D. B. Stevančević (Inst. Nuclear Sci., "Boris Kidrič," Belgrade, Yugoslavia). *Bull. Inst. Nuclear Sci., "Boris Kidrič" (Belgrade)* 9, 57-67 (1959).]—Quinoxaline-2,3-dithiol (I), $4 \times 10^{-4} M$ in 0.5M Na tartrate, gave an anodic wave at $E_{1/2} = -0.660$, resulting from the oxidn. of the —SH groups, and a cathodic wave at $E_{1/2} = -1.08$ v., caused by the hydrogenation of the pyrazine nucleus. The change in $E_{1/2}$ waves with pH of these was plotted. I in buffered solns. contg. Co(II) or Ni(II) yielded catalytic H waves. Polarograms of $5 \times 10^{-4} M$ CoCl₂ in 10 ml. 0.2M NH₄ citrate to which increasing amts. of $10^{-4} M$ I soln. were added showed the formation of a max. at -1.35 v., and the formation of a wave shifted to 1.7 v., which was more pos. in potential than the decomposition wave of the electrolyte. The wave heights were fairly proportional to the concn. of added I until the ratio of I:Co reached 2. NiCl₂ $4 \times 10^{-4} M$ in 0.2M NH₄ citrate behaved similarly except for not giving the max. at approx. -1.35 v., but only an increase in diffusion current. The catalytic wave is approx. $1/2$ the height of that formed by Co. Pptn. amperometric titrations indicate the following I:catn. molar ratios in the resp. chelates: Cu, 2:1; Cd, 1:1; Bi, 2:1; Pb, 1:1; and Ag, 1:1. Lloyd Kahn

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Zolay

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Spectrophotometric studies of quinoxaline-2,3-dithiol and its chelate compounds with nickel(II), cobalt(II) and palladium(II). D. B. Stoyanovic and V. O. Dratic (Inst. Nuclear Sci. "Boris Kidrich", Belgrade, Yugoslavia). *Bull. Inst. Nuclear Sci. "Boris Kidrich"* (Belgrade) 9, 69-76 (1959).—Absorption spectra in the 220-600 mμ range of quinoxaline-2,3-dithiol (I) at pH 7.3-pH 11, adjusted with NH₄OH-NH₄Cl buffer solns., and in 0.1N NaOH soln., of 3×10^{-4} M Ni chelate in 1.43 M NH₄OH and in iso-PrOH, and of 5×10^{-4} M I in tributyl phosphate and in iso-PrOH, are presented. Job's curves indicate a metal/I ratio of 1:2 for the cations Ni(II), Pd(II) and Co(II). The structure II in which the cation is covalently bonded to I, fits the data derived from the absorption spectra and electromigration and ion exchange expts.

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Lloyd Kabe

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Direct spectrophotometric determination of microgram quantities of copper in high-purity uranium with oxaldehyde. D. B. Stevančević (Inst. Nuclear Sci., Boris Kidrič, Belgrade, Yugoslavia). *Z. anal. Chem.* 163, 348-51 (1950) (in English). To det. 2-30 p.p.m. Cu in U metal, dissolve 1 g. in 1:1 HNO₃, evap. almost to dryness, add 4 ml. H₂O and 5 ml. M NH₄ citrate soln. (pH 9), and transfer to a 25-ml. volumetric flask. Wash the beaker twice with 2 ml. H₂O. Add 4 ml. concd. NH₄OH, 2 ml. satd. aq. oxaldehyde (1), and 4 ml. 40% AcH. Dil. to the mark and measure at 642 mμ after 30 ± 5 min. vs. a blank contg. everything except I and AcH. Co and EDTA interfere. Most common anions and cations do not interfere. K. G. Stolic.

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OTC-11-11

polymers composed of nitrates with R_1 and R_2 groups, and
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V. Radošević, Faculty of Petrochemistry of the University of Belgrade, Belgrade.
Submitted November 11, 1963.

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1-phenyl tetrazoline-5-thione as analytical reagent. Pt. 1.
Bul Inst Nucl 12:109-114 0 '61.

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Vol. 9, No. 9, 1954. TEHNIKA. Beograd, Yugoslavia.

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TEHNIKA, Beograd, Vol 10, No. 9, 1955

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STEVANCEVIC, Lusan, dr inz., visi strucni saradnik (Beograd,
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"Domestic production of motor vehicles and the prospect of its development."

p. 41 (Put I Saobracaj) No. 4, Apr. 1957
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"The Fair of Transportation Means."

p. 79 (Put I Saobracaj) No. 5/6, May/June 1957
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SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
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STEVANOVIC, D.

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DAVIDOVIC, Solomon; STEVANOVIC, Dobrivoje

On biliary peritonitis consecutive to the perforation of the gallbladder and bile ducts. (Our experience). Srpski arh. celok. lek. 87 no.12:1129-1139 D '59.

1. I. Hirurška klinika Medicinskog Fakulteta Univerziteta u Beogradu, Upravnik: prof. dr Bogdan Kosačević.
(PERITONITIS etiol.)
(BILIARY TRACT wds. & inj.)

KOSANOVIC, Bogdan; BUKUROV, Stanislav; STEVANOVIC, Dobrivoje

Echinococcosis of the spleen. Srpski arh. celok. lek. 88 no.2:
121-128 F '60.

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Beogradu, Upravnik: prof. dr. Bogdan Kosanovic.
(SPLEEN dis.)
(ECHINOCOCCOSIS case reports)

Stevanovich, D.
YUGOSLAVIA / General and Special Zoology. Insects. P
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Abs Jour: Ref Zhur-Biol., No 21, 1958, 96374.

Author : Stevanovich, D.

Inst : Not given.

Title : The Study of Acrididae and Tettigonidae of the
Golie Mountain.

Orig Pub: Srpska AN, 1953, 31, 51-61.

Abstract: The character of biotypes in the region of the
Golie Mountain is described (Southwestern Serbia).
The fauna and ecological groups of locust and 5
grasshoppers collected there in 1949-50, their
geographical distribution and zoogeographic
groups are given. -- From the author's resume.

Card 1/1

DAMJANOVIC, R.; STEVANOVIC, D.

Our experiences in the treatment of dermatoses with cortisone and ACTH. Srpski arh. celok. lek. 83 no.7-8:803-808 July-Aug 55.

1. Dermatoveneroloska klinika Medicinskog fakulteta u Beogradu.
(CORTISONE, ther. use
skin dis., indic. & results (Ser))
(ACTH, ther. use,
skin dis., indic. & results (Ser))
(SKIN, dis.
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(SUNLIGHT eff. inj.)
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Acanthosis nigricans i karcinom. Srpski arh. celok. lek. 87 no.2:215-219 Feb 59.

1. Dermatoveneroloska klinika Medicinskog fakulteta u Beogradu Upravnik:
prod. dr Sima Ilic.

(ACANTHOSIS NIGRICANS, compl.

cancer of stomach (Ser))

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acanthosis nigricans (Ser))

DAMJANOVIC, Radomir; PANIC, Jovan; STEVANOVIC, Dacilo

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no. 11:1050-1054 N '59.

1. Dermatoveneroloska klinika Medicinskog fakulteta u Beogradu,
Upravnik: prof. dr Sima Ilic; srecka bolnica u Somboru, Upravnik:
dr Ljubomir Iazic.
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14 no.2:144-153 '60.
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SECRET
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Country: Yugoslavia

Institute: None given.

Address: Teachers for Nutrition (Institute of Nutrition). Preserved:
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Source: Belgrade, Acta Veterinaria, Vol 11, No 1, 1961, pp 55-58.

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STEVANOVIC, D. V. No academic degrees given, Institute for
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(LEISHMANIASIS MUCOCUTANEOUS case reports)

STEVANOVIĆ, Danilo V

~~Yugoslavia~~
Yugoslavia

Dr

Clinic of Dermatovenereology — Belgrade (Dermato-
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Belgrade, Medicinski pregled, No 8, 1962, pp 485-486.

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STEVANOVIC, Danilo; SMODLAKA, Olivera; SRNIC, Dusan

Deep lupus erythematosus. Med. pregl. 17 no.7:375-378 '64

1. Dermatoveneroloska klinika Medicinskog fakulteta u Beogradu
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